

New Products

Camcorder/Digital Media Recorder

Thomson has announced the Infinity Series, a new line of next-generation acquisition, recording, and storage devices. The Infinity series includes a digital media camcorder, a digital media recorder, and a new line of media and peripheral devices. The Infinity digital media camcorder and the Infinity digital media recorder provide for plug-and-play addition into existing networks given its ability to connect to external storage devices or PCs via USB or FireWire or to networks via Gigabit Ethernet.

The Infinity camcorder provides a choice of video formats and standards selectable within the camera: 525i60, 625i50, 1080i50, 1080i60, 720p50, or 720p60. Standard-definition (SD) formats are selectable in either 16:9, 4:3, or letterbox aspect ratios. Infinity camcorders also provide a wide choice of compression schemes as well as assignable compression via the camera's user interface. It is configured as a professional-grade, multiformat 2/3-in., three-imager SD/HD camcorder.

The Infinity digital media recorder (DMR) uses IT-based media and connectivity technology. It works like a tape machine, but accepts removable media instead and can be used anywhere a traditional VTR is used: as a field recorder, preview station, playout machine, or for ingesting material into editing environments. The digital media recorder offers both SD and HD, choice of compression, and connectivity options. It uses off-the-shelf Iomega Rev or Rev Pro removable disks and professional-grade CompactFlash solid-state memory as recording and playback media. The DMR can be connected directly to a nonlinear editing workstation or, for greater accessibility, it can be attached to a file server for immediate enterprise-wide use.

Mini Transceiver

The new Rattler mini HD/SDI fiberoptic transmitter and receiver modules from Telecast-Fiber Systems accepts an uncompressed SDI signal on its 75-ohm coax input, equalizing up to 140 m of coaxial cable at HD speeds, and converts it into an optical data stream via a standard ST connector. The blue receiver module at the other end of the link reconverts the signal back to an electrical HD/SDI signal via a BNC output. The durable, 3-in.-long device weighs only 1.8 ounces and receives power from DC adapters or conventional powered USB hubs via the Rattler's mini-USB connector. LED indicators on the modules verify operational status, including video signal presence and received optical power levels.

Router

NVision has launched the NV8288 digital video mobile router. It offers SDI, HD-SDI, and ASI formats in one package and features exceptionally low power consumption, redundant power and control modules, and hot-swappable electronics. As a critical factor for the mobile marketplace, the NV8288 marks a significant advance in I/O density and chassis footprint. Using a card cage that is only 10RU x 12 in. deep, the NV8288 can be configured for topologies ranging from 12 x 12 up to 288 x 576. By adding a second cage, the system can be expanded (without distribution amplifiers) up to 576 x 576.

Video I/O cards

AJA has announced the XENA LS and XENA LH video and audio I/O cards for Windows XP. XENA LH (PCI/PCI-X compatible) and LHe (PCIe compatible) support combined HD/SD workflows; XENA LS supports SD capture and playback. Both products will ship with AJA's own standalone deck-control, playback and capture application, Machina, and a host of powerful plug-ins for seamless integration with leading graphics and effects applications. XENA LH, LHe, and LS cards are ideally suited to deadline-driven, graphics and layer-intensive motion graphics workflows. The software interface for deck-control, playback, and recording via AJA Machina, coupled with custom-coded plug-ins linking video input and output seamlessly into the interfaces of Adobe After Effects, Adobe Photoshop, Autodesk Combustion, and Eyeon Fusion, provide significant workflow efficiencies to digital artists. Optimal file format support is offered in QuickTime and AVI, as well as in file-per-frame formats such as DPX, Cineon (LH/LHe), TIFF, TGA, and BMP.

Video-Networking Product

Harris Corp. has announced the release of the latest version of the multiservice video-networking product, NetVX. The NetVX release targets television station owners and group operators that are addressing critical applications such as improved bandwidth efficiency for increased multichannel operations, enhanced HD services, disaster recovery, event support, remote newsgathering, and IP-based video transport. NetVX's single-box design leverages packet switching, a unique attribute that provides flexible, cost-effective and bidirectional transport over ATM, IP, DS-3, fiber (OC-3), and satellite and microwave networks. NetVX's support for triple-play services (video, voice, and data) is contained in one chassis, resulting in a core multiservice product with carrier-class reliability.

AJA Video, www.aja.com

Harris Corp., www.harris.com

NVision, www.nvision.tv

Telecast-Fiber Systems, Inc., www.telecast-fiber.com

Thomson, www.thomsongrassvalley.com